

## PART B - FEE(S) TRANSMITTAL

EXPRESS MAIL LABEL NO.  
EV 6829425 014 US

Complete and send this form, together with applicable fee(s), to: **Mail** Mail Stop ISSUE FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
or **Fax** (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. Further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

00959 7590 03/08/2006

LAHIVE & COCKFIELD, LLP  
28 STATE STREET  
BOSTON, MA 02109

06/07/2006 DENMANU2 00000003 120080 10501807

01 FC:1501 1400.00 DA  
02 FC:1504 300.00 DA  
03 FC:8001 30.00 DA

## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

|                    |
|--------------------|
| (Depositor's name) |
| (Signature)        |
| (Date)             |

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/501,807      | 07/19/2004  | Robert Graham Walker | BTW-082US           | 6615             |

TITLE OF INVENTION: OPTICAL MODULATORS OPERATED IN PARALLEL PUSH-PULL MODE

| APPLN. TYPE    | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE   |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | NO           | \$1400    | \$300           | \$1700           | 06/08/2006 |

| EXAMINER         | ART UNIT | CLASS-SUBCLASS |
|------------------|----------|----------------|
| BLEVINS, JERRY M | 2883     | 385-040000     |

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

- 1 Lahive & Cockfield, LLP  
2 Anthony A. Laurentano,  
3 Esq.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

BOOKHAM TECHNOLOGY, plc

Abingdon, United Kingdom

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee  
☒ Publication Fee (No small entity discount permitted)  
☒ Advance Order - # of Copies 10

4b. Payment of Fee(s):

- ☐ A check in the amount of the fee(s) is enclosed.  
☐ Payment by credit card. Form PTO-2038 is attached.  
☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 12-0080 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

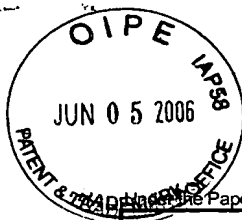
NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature Anthony A. Laurentano  
Typed or printed name Anthony A. Laurentano

Date June 5, 2006  
Registration No. 38,220

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# TRANSMITTAL FORM

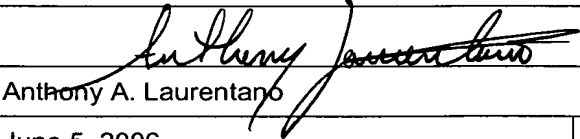
(to be used for all correspondence after initial filing)

|   |                        |                       |
|---|------------------------|-----------------------|
| <b>TRANSMITTAL<br/>FORM</b><br><br>(to be used for all correspondence after initial filing) | Application Number     | 10/501807-Conf. #6615 |
|   | Filing Date            | July 19, 2004         |
|   | First Named Inventor   | Robert Graham WALKER  |
|   | Art Unit               | 2883                  |
|   | Examiner Name          | J. M. Blevins         |
| Total Number of Pages in This Submission  | Attorney Docket Number | BTW-082US             |

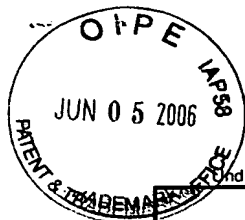
**ENCLOSURES (Check all that apply)**

|   |  |  |
|---|--|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Reply to Missing Parts/<br>Incomplete Application<br><input type="checkbox"/> Reply to Missing Parts under<br>37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a<br>Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br>Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication<br>to TC<br><input type="checkbox"/> Appeal Communication to Board of<br>Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC<br>(Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please<br>Identify below):<br>Issue Fee Transmittal PTOL-85B<br>Return Receipt Postcard |
| <b>Remarks</b>  |  |  |

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

|              |   |          |        |
|--------------|---|----------|--------|
| Firm Name    | LAHIVE & COCKFIELD, LLP   |          |        |
| Signature    |  |          |        |
| Printed name | Anthony A. Laurentano   |          |        |
| Date         | June 5, 2006  | Reg. No. | 38,220 |

Express Mail Label No. EV 682 425 014 US Dated: June 5, 2006



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|   |                      |                          |                       |
|---|----------------------|--------------------------|-----------------------|
| <b>Effective on 12/08/2004.</b><br><b>Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</b> |                      | <b>Complete if Known</b> |                       |
| <b>FEE TRANSMITTAL</b><br><b>For FY 2005</b>  |                      | Application Number       | 10/501807-Conf. #6615 |
|   |                      | Filing Date              | July 19, 2004         |
|   |                      | First Named Inventor     | Robert Graham WALKER  |
|   |                      | Examiner Name            | J. M. Blevins         |
|   |                      | Art Unit                 | 2883                  |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27                                    |                      | Attorney Docket No.      | BTW-082US             |
| <b>TOTAL AMOUNT OF PAYMENT</b>  | <b>(\$)</b> 1,730.00 |                          |                       |

|   |   |
|---|---|
| <b>METHOD OF PAYMENT (check all that apply)</b>   |   |
| <input type="checkbox"/> Check  | <input type="checkbox"/> Credit Card  |
| <input type="checkbox"/> Money Order  | <input type="checkbox"/> None   |
| <input type="checkbox"/> Other (please identify): _____   |   |
| <input checked="" type="checkbox"/> Deposit Account   | Deposit Account Number: <u>12-0080</u> Deposit Account Name: <u>Lahive &amp; Cockfield, LLP</u> |
| For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)                |   |
| <input checked="" type="checkbox"/> Charge fee(s) indicated below   | <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee               |
| <input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 | <input checked="" type="checkbox"/> Credit any overpayments                                     |

|   |                     |   |                    |                      |                                  |                       |                       |
|---|---------------------|---|--------------------|----------------------|----------------------------------|-----------------------|-----------------------|
| <b>FEE CALCULATION</b>  |                     |   |                    |                      |                                  |                       |                       |
| <b>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</b>  |                     |   |                    |                      |                                  |                       |                       |
|   | <b>FILING FEES</b>  |   | <b>SEARCH FEES</b> |                      | <b>EXAMINATION FEES</b>          |                       |                       |
|   |                     | <b>Small Entity</b>                                     |                    | <b>Small Entity</b>  |                                  | <b>Small Entity</b>   |                       |
| <b>Application Type</b>   | <b>Fee (\$)</b>     | <b>Fee (\$)</b>   | <b>Fee (\$)</b>    | <b>Fee (\$)</b>      | <b>Fee (\$)</b>                  | <b>Fee (\$)</b>       | <b>Fees Paid (\$)</b> |
| Utility   | 300                 | 150   | 500                | 250                  | 200                              | 100                   |                       |
| Design  | 200                 | 100   | 100                | 50                   | 130                              | 65                    |                       |
| Plant   | 200                 | 100   | 300                | 150                  | 160                              | 80                    |                       |
| Reissue   | 300                 | 150   | 500                | 250                  | 600                              | 300                   |                       |
| Provisional   | 200                 | 100   | 0                  | 0                    | 0                                | 0                     |                       |
| <b>2. EXCESS CLAIM FEES</b>   |                     |   |                    |                      |                                  |                       |                       |
|   |                     |   |                    |                      |                                  | <b>Small Entity</b>   |                       |
| <b>Fee Description</b>  |                     |   |                    |                      |                                  | <b>Fee (\$)</b>       | <b>Fee (\$)</b>       |
| Each claim over 20 (including Reissues)   |                     |   |                    |                      |                                  | 50                    | 25                    |
| Each independent claim over 3 (including Reissues)  |                     |   |                    |                      |                                  | 200                   | 100                   |
| Multiple dependent claims   |                     |   |                    |                      |                                  | 360                   | 180                   |
| <b>Total Claims</b>   |                     | <b>Extra Claims</b>                                     | <b>Fee (\$)</b>    | <b>Fee Paid (\$)</b> | <b>Multiple Dependent Claims</b> |                       |                       |
| _____ - 20 = _____  |                     | x _____   | = _____            |                      | <b>Fee (\$)</b>                  | <b>Fee Paid (\$)</b>  |                       |
| <b>Indep. Claims</b>  |                     | <b>Extra Claims</b>                                     | <b>Fee (\$)</b>    | <b>Fee Paid (\$)</b> |                                  |                       |                       |
| _____ - 3 = _____   |                     | x _____   | = _____            |                      |                                  |                       |                       |
| <b>3. APPLICATION SIZE FEE</b>  |                     |   |                    |                      |                                  |                       |                       |
| If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). |                     |   |                    |                      |                                  |                       |                       |
| <b>Total Sheets</b>   | <b>Extra Sheets</b> | <b>Number of each additional 50 or fraction thereof</b> |                    | <b>Fee (\$)</b>      | <b>Fee Paid (\$)</b>             |                       |                       |
| _____ - 100 = _____   | /50                 | _____ (round up to a whole number) x _____              |                    | = _____              |                                  |                       |                       |
| <b>4. OTHER FEE(S)</b>  |                     |   |                    |                      |                                  |                       |                       |
|   |                     |   |                    |                      |                                  | <b>Fees Paid (\$)</b> |                       |
| Non-English Specification, \$130 fee (no small entity discount)   |                     |   |                    |                      |                                  |                       |                       |
| Other (e.g., late filing surcharge): 1501 Utility issue fee   |                     |   |                    |                      |                                  | 1,400.00              |                       |
| 1504 Publication fee for early, voluntary, or normal ...  |                     |   |                    |                      |                                  | 300.00                |                       |
| 8001 Printed copy of patent w/o color   |                     |   |                    |                      |                                  | 30.00                 |                       |

|                     |                      |                                   |                |
|---------------------|----------------------|-----------------------------------|----------------|
| <b>SUBMITTED BY</b> |                      |                                   |                |
| Signature           |                      | Registration No. (Attorney/Agent) | 38,220         |
| Name (Print/Type)   | Anthony A. Lauretano | Telephone                         | (617) 227-7400 |
|                     |                      | Date                              | June 5, 2006   |